

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072018\
 Data File : BE097025.D
 Acq On : 20 Jul 2018 11:35
 Operator : SJ/JU
 Sample : J4014-10DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE105D2-071318DL

Quant Time: Jul 20 12:32:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 11:34:20 2018
 Response via : Initial Calibration

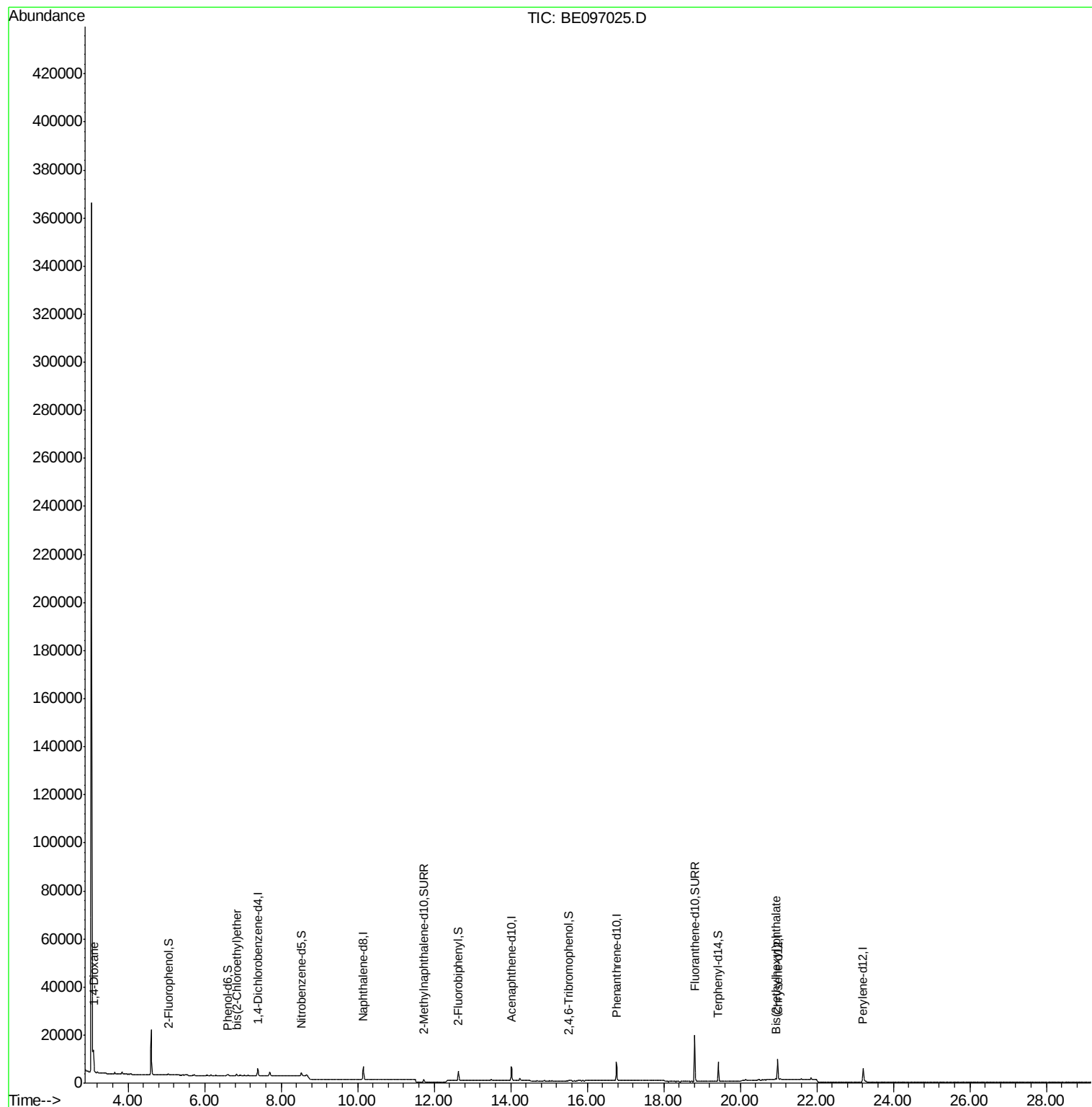
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1278	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5969	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3651	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	10462	0.40	ng	0.00
27) Chrysene-d12	20.98	240	9244	0.40	ng	0.00
34) Perylene-d12	23.21	264	8122	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	321	0.10	ng	0.00
5) Phenol-d6	6.60	99	269	0.06	ng	0.00
8) Nitrobenzene-d5	8.53	82	1081	0.25	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	1952	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	217	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	3945	0.29	ng	0.00
25) Fluoranthene-d10	18.81	212	26098	0.29	ng	0.00
29) Terphenyl-d14	19.43	244	6986	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	4573	2.500	ng	92
6) bis(2-Chloroethyl)ether	6.84	93	201	0.044	ng	91
32) Bis(2-ethylhexyl)phthalate	20.93	149	907	0.041	ng	# 98

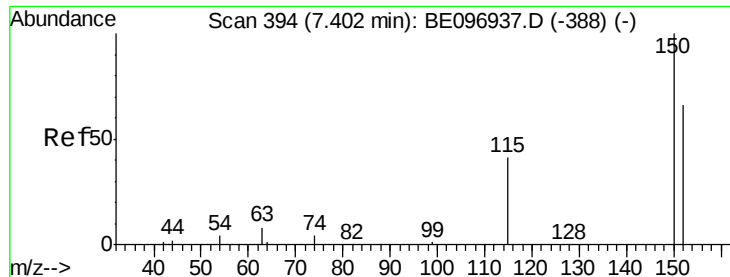
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. 0.00 min

Lab File: BE097025.D

Acq: 20 Jul 2018 11:35

Instrument :

BNA_E

ClientSampleId :

RE105D2-071318DL

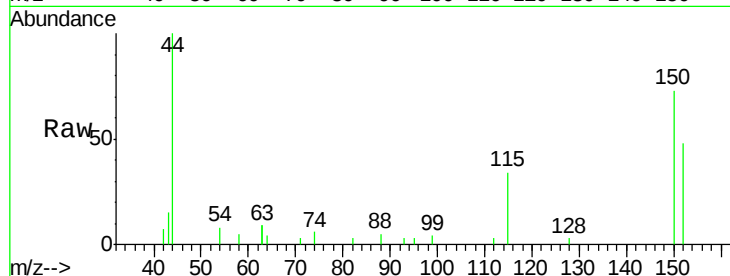
Tgt Ion:152 Resp: 1278

Ion Ratio Lower Upper

152 100

150 152.6 117.2 175.8

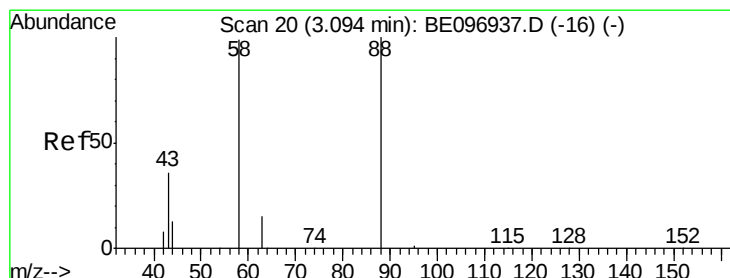
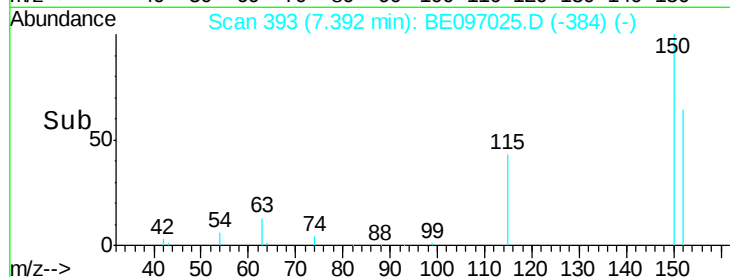
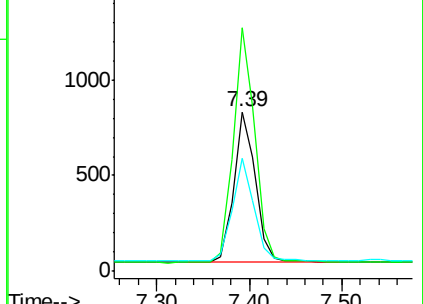
115 70.6 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.500 ng

RT: 3.10 min Scan# 20

Delta R.T. 0.00 min

Lab File: BE097025.D

Acq: 20 Jul 2018 11:35

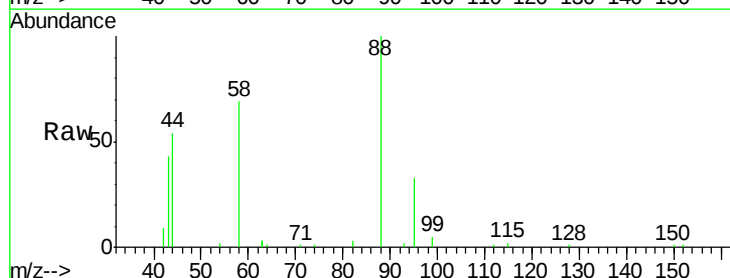
Tgt Ion: 88 Resp: 4573

Ion Ratio Lower Upper

88 100

58 82.5 63.2 94.8

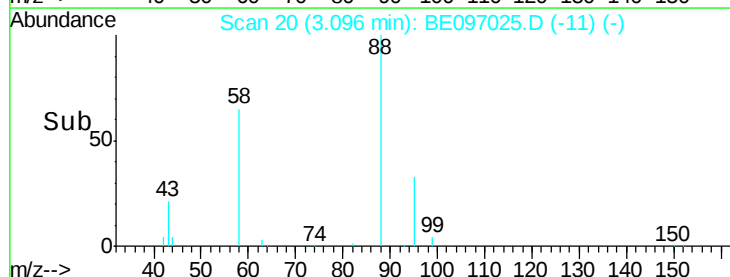
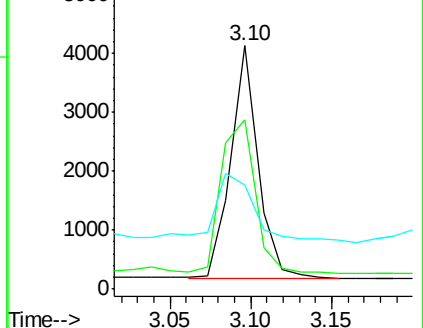
43 41.5 41.2 61.8

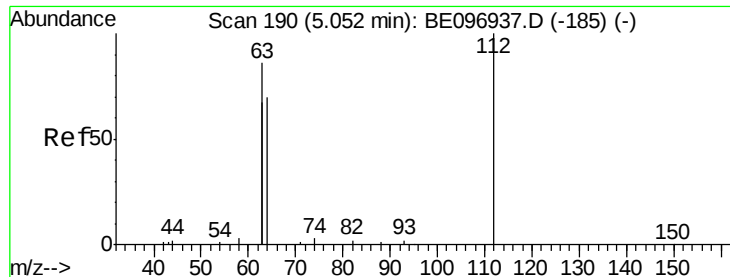


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.105 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097025.D

Acq: 20 Jul 2018 11:35

Instrument :

BNA_E

ClientSampleId :

RE105D2-071318DL

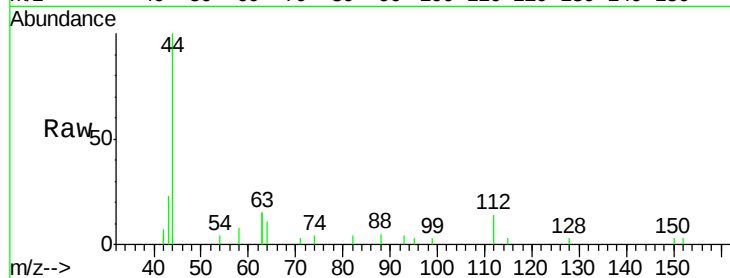
Tgt Ion: 112 Resp: 321

Ion Ratio Lower Upper

112 100

64 67.9 60.1 90.1

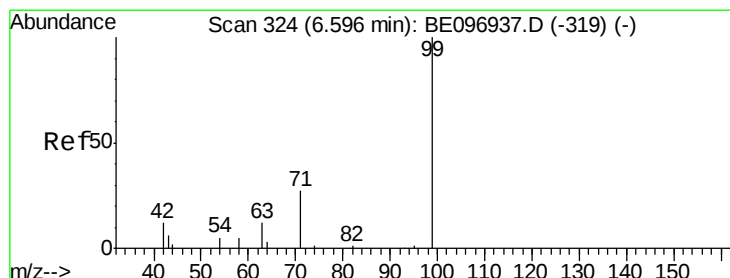
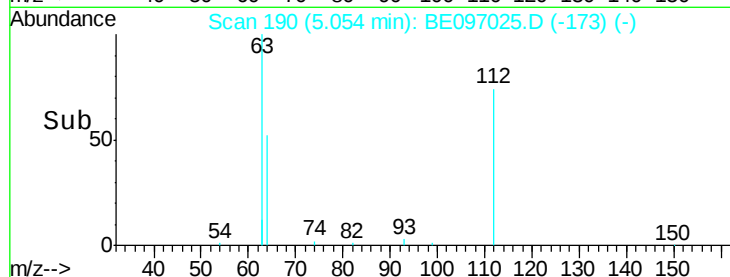
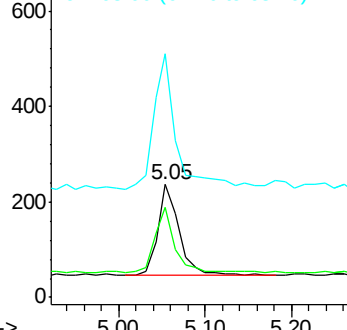
63 165.7 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.058 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097025.D

Acq: 20 Jul 2018 11:35

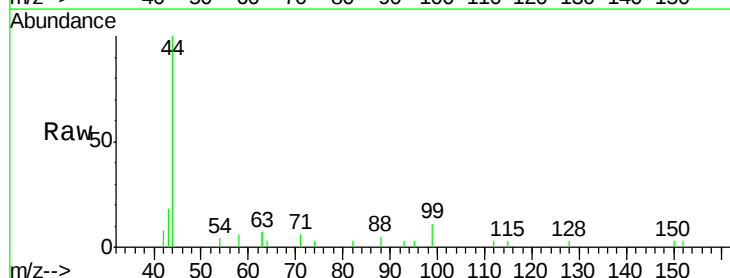
Tgt Ion: 99 Resp: 269

Ion Ratio Lower Upper

99 100

42 31.2 20.2 30.2#

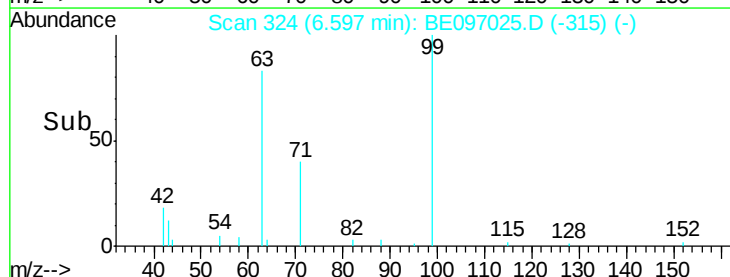
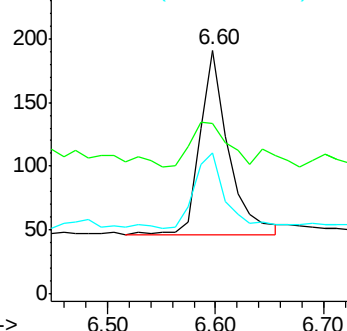
71 43.9 28.4 42.6#

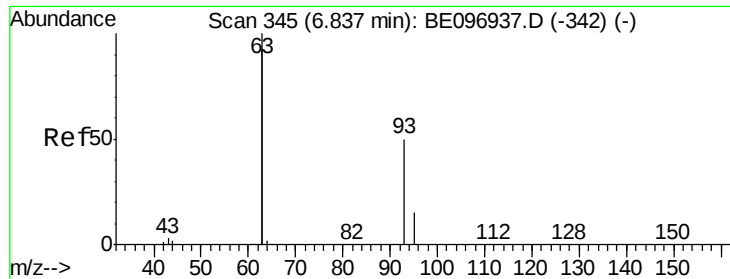


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.044 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097025.D

Acq: 20 Jul 2018 11:35

Instrument :

BNA_E

ClientSampleId :

RE105D2-071318DL

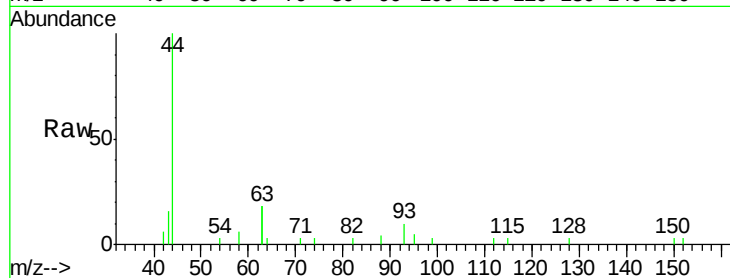
Tgt Ion: 93 Resp: 201

Ion Ratio Lower Upper

93 100

63 364.2 275.3 412.9

95 35.3 25.2 37.8

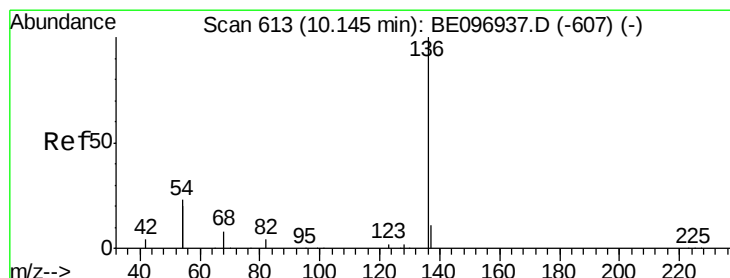
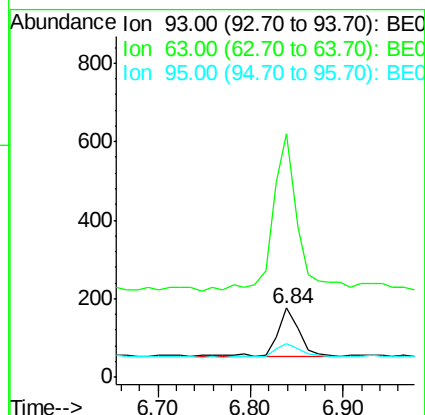
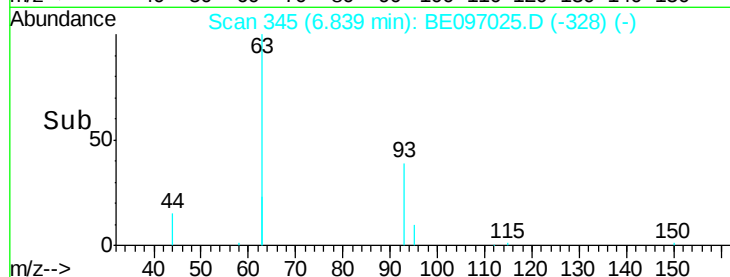


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097025.D

Acq: 20 Jul 2018 11:35

Tgt Ion: 136 Resp: 5969

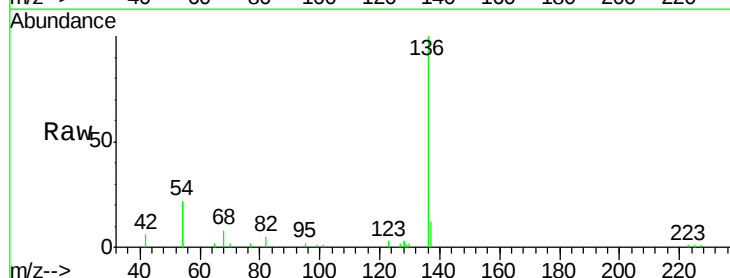
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 43.1 29.1 43.7

68 8.1 6.2 9.2



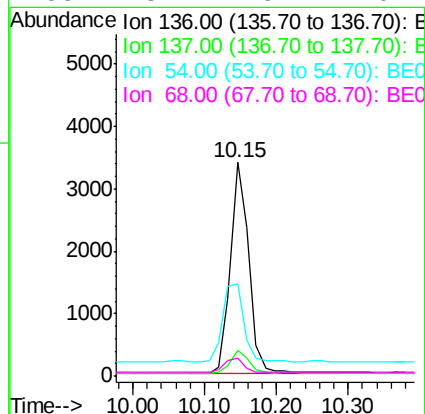
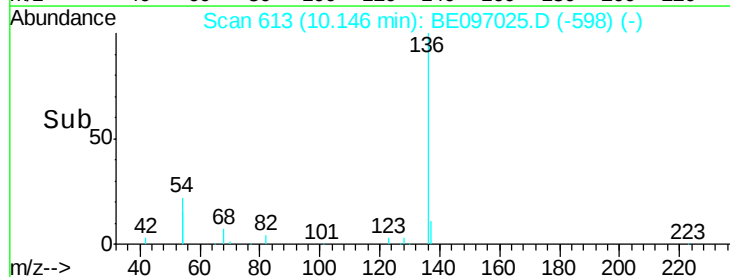
Abundance Ion 136.00 (135.70 to 136.70): E

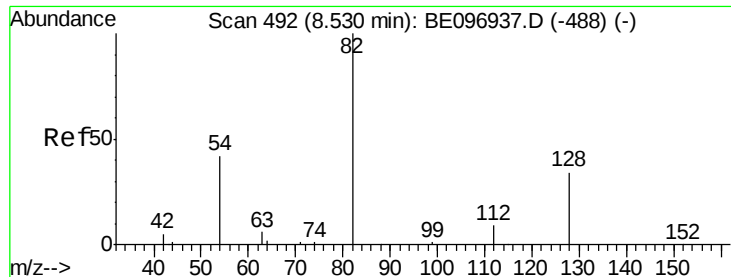
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->





#8

Nitrobenzene-d5

Concen: 0.248 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097025.D

Acq: 20 Jul 2018 11:35

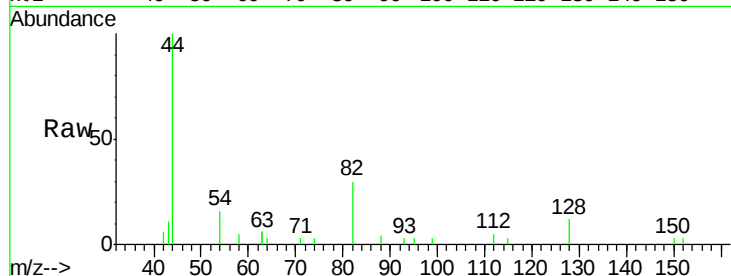
Instrument :

BNA_E

ClientSampleId :

RE105D2-071318DL

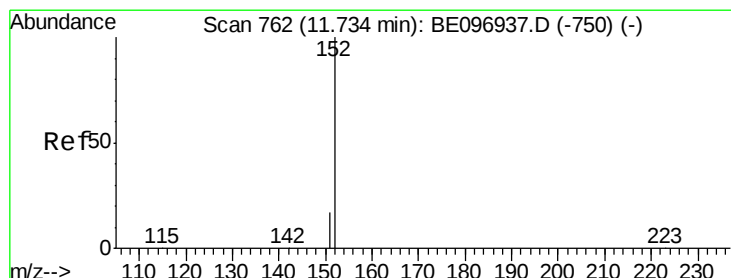
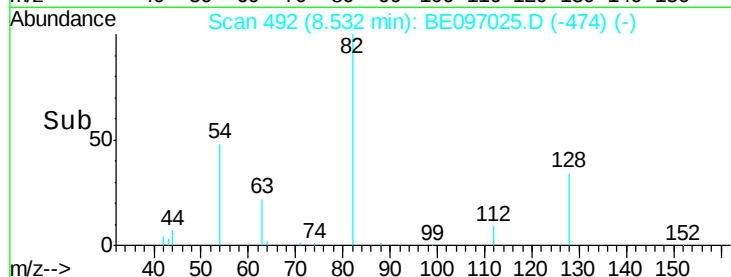
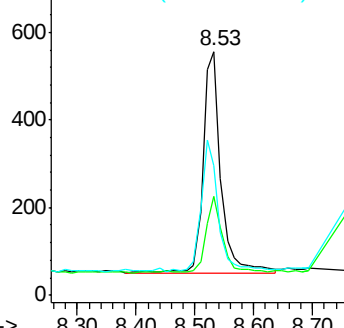
Tgt Ion:	82	Resp:	1081
Ion	Ratio	Lower	Upper
82	100		
128	40.5	24.0	36.0#
54	53.4	40.0	60.0



Abundance Ion 82.00 (81.70 to 82.70): BE096937.D (-488) (-)

Ion 128.00 (127.70 to 128.70): BE096937.D (-488) (-)

Ion 54.00 (53.70 to 54.70): BE096937.D (-488) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.224 ng

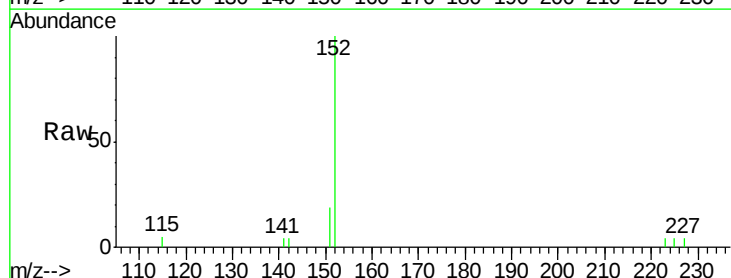
RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097025.D

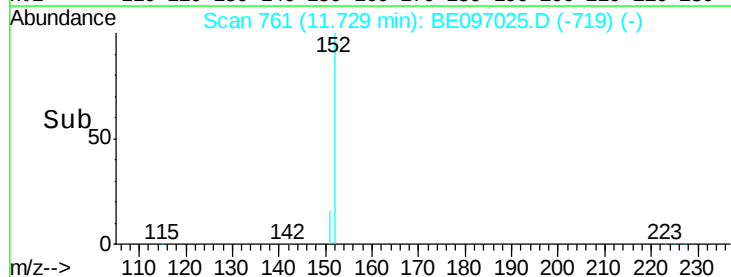
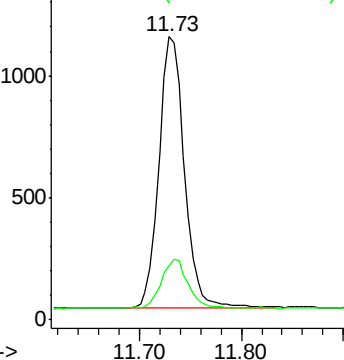
Acq: 20 Jul 2018 11:35

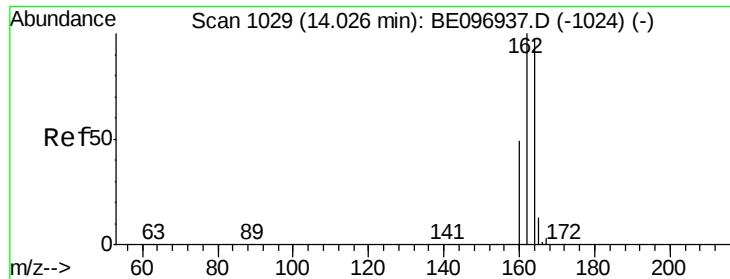
Tgt Ion:	152	Resp:	1952
Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0



Abundance Ion 152.00 (151.70 to 152.70): BE096937.D (-750) (-)

Ion 151.00 (150.70 to 151.70): BE096937.D (-750) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE097025.D

Acq: 20 Jul 2018 11:35

Instrument :

BNA_E

ClientSampleId :

RE105D2-071318DL

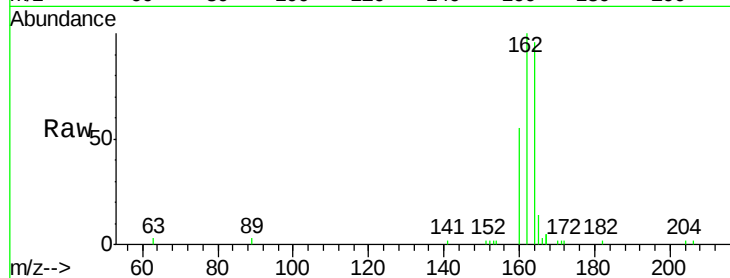
Tgt Ion:164 Resp: 3651

Ion Ratio Lower Upper

164 100

162 104.3 83.1 124.7

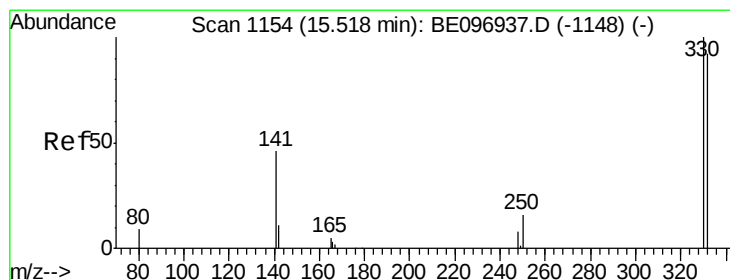
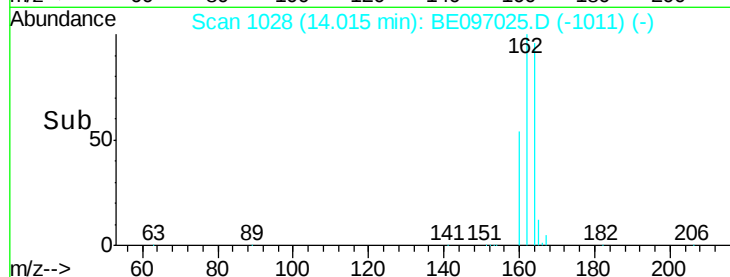
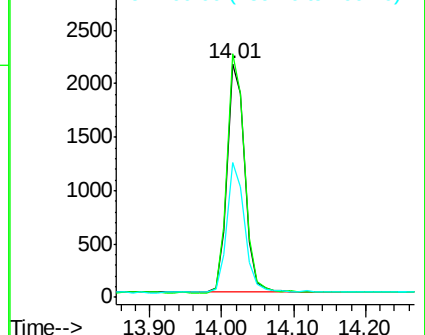
160 57.7 37.1 55.7#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.294 ng

RT: 15.52 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097025.D

Acq: 20 Jul 2018 11:35

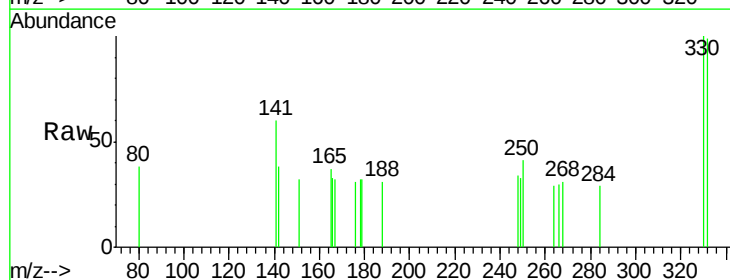
Tgt Ion:330 Resp: 217

Ion Ratio Lower Upper

330 100

332 91.7 152.7 229.1#

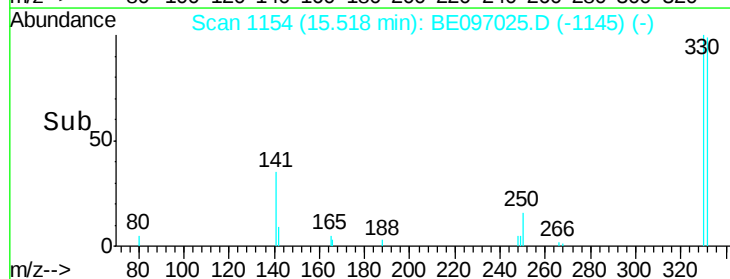
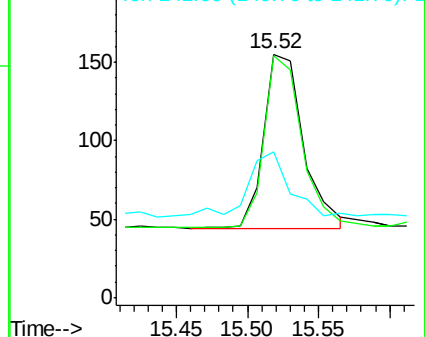
141 40.1 33.7 50.5

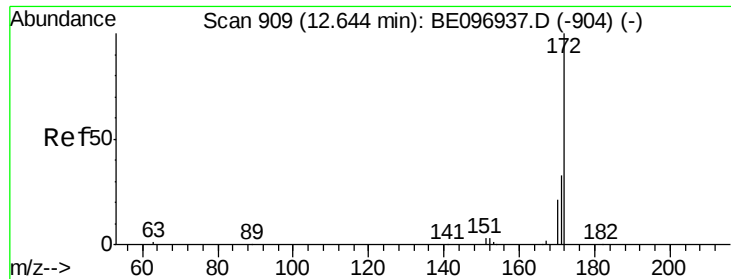


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

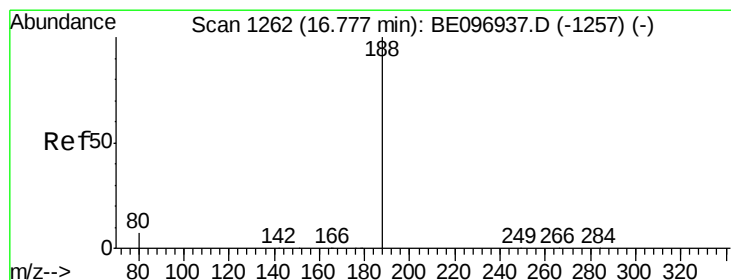
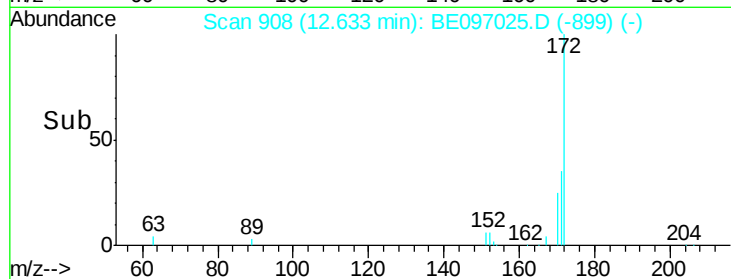
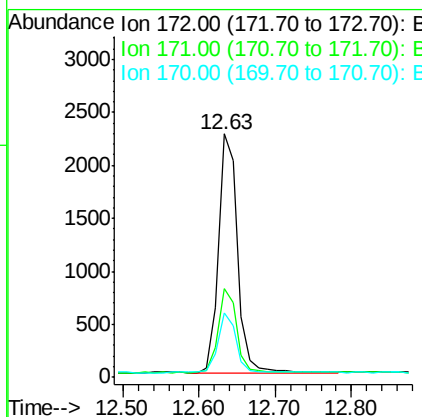
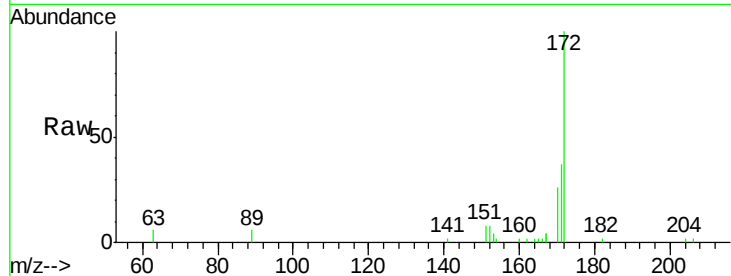




#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097025.D
Acq: 20 Jul 2018 11:35

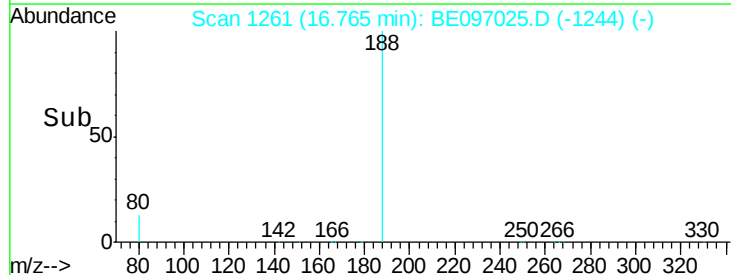
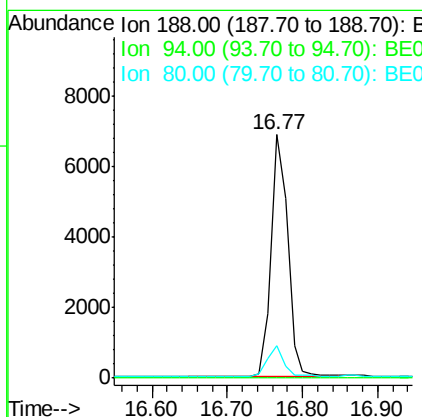
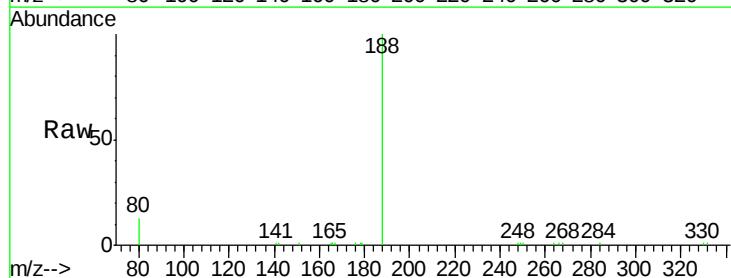
Instrument :
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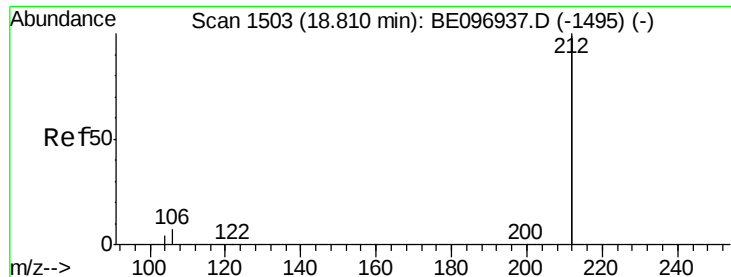
Tgt Ion:172 Resp: 3945
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 26.4 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097025.D
Acq: 20 Jul 2018 11:35

Tgt Ion:188 Resp: 10462
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 13.4 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.287 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097025.D

Acq: 20 Jul 2018 11:35

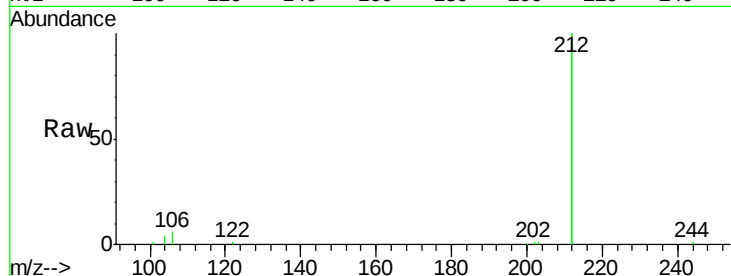
Instrument :

BNA_E

ClientSampleId :

RE105D2-071318DL

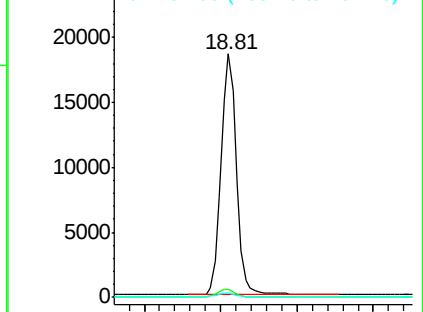
Tgt Ion:	212	Resp:	26098
Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4



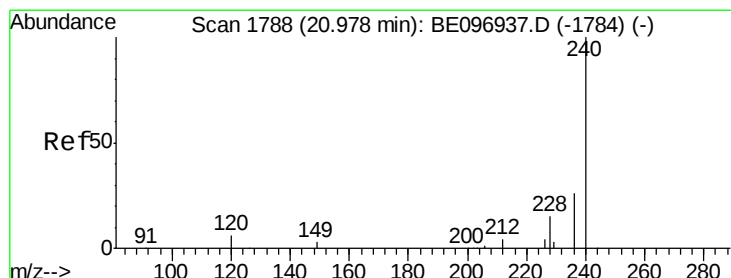
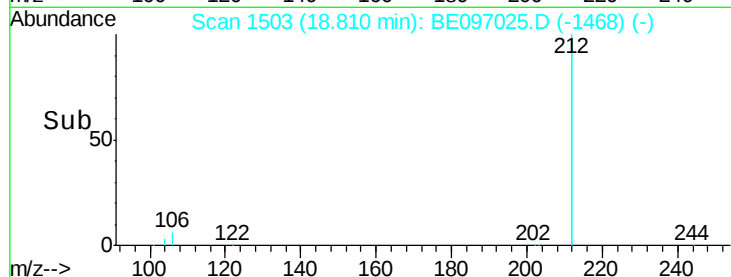
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#27

Chrysene-d12

Concen: 0.400 ng

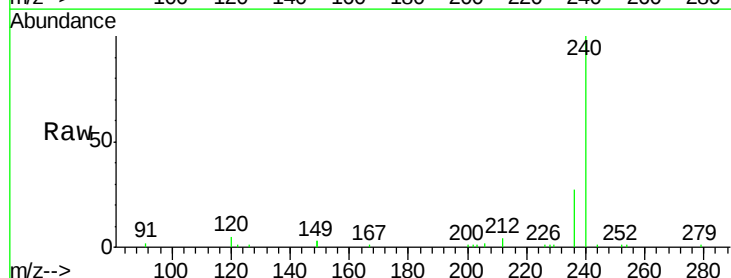
RT: 20.98 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097025.D

Acq: 20 Jul 2018 11:35

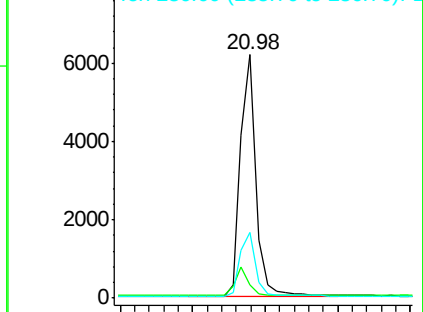
Tgt Ion:	240	Resp:	9244
Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.5	8.3#
236	27.1	20.7	31.1



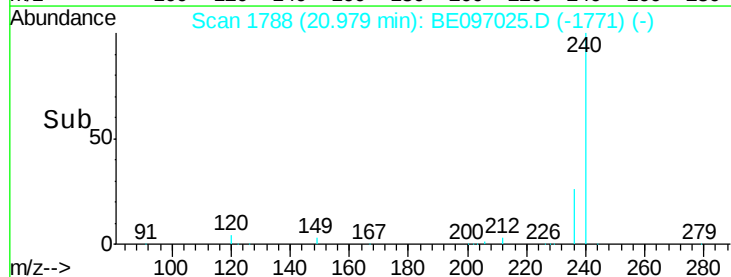
Abundance Ion 240.00 (239.70 to 240.70): E

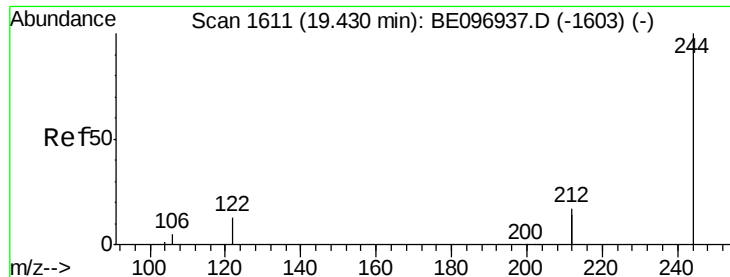
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#29

Terphenyl-d14

Concen: 0.392 ng

RT: 19.43 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BE097025.D

Acq: 20 Jul 2018 11:35

Instrument :

BNA_E

ClientSampleId :

RE105D2-071318DL

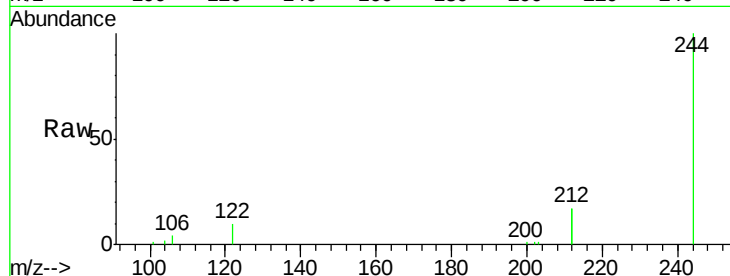
Tgt Ion:244 Resp: 6986

Ion Ratio Lower Upper

244 100

212 34.7 25.4 38.0

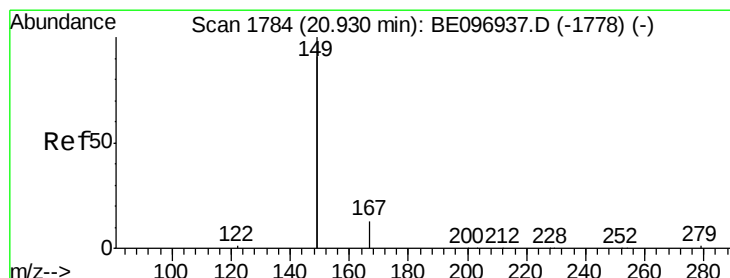
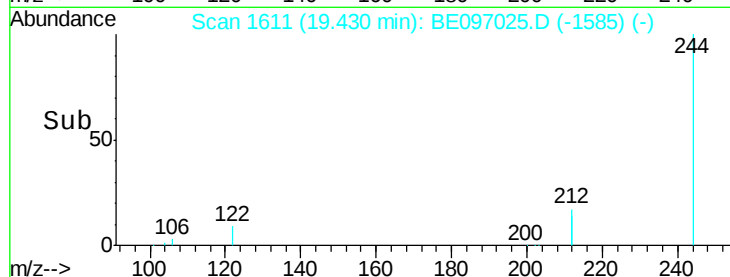
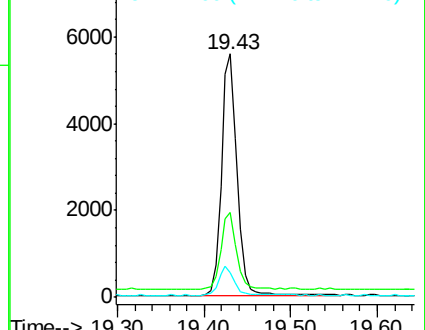
122 10.0 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.041 ng

RT: 20.93 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE097025.D

Acq: 20 Jul 2018 11:35

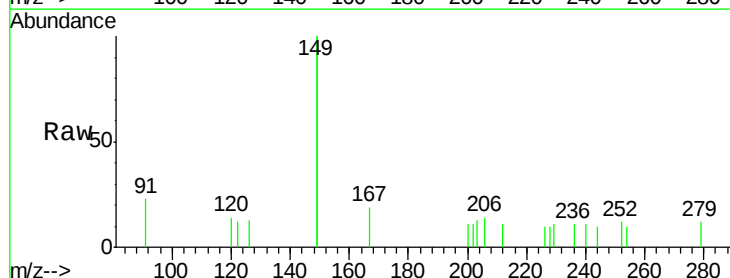
Tgt Ion:149 Resp: 907

Ion Ratio Lower Upper

149 100

167 7.4 5.4 8.0

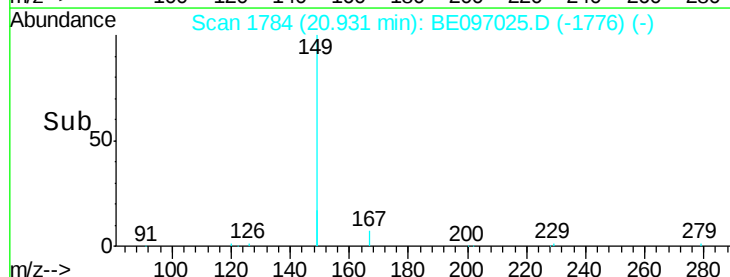
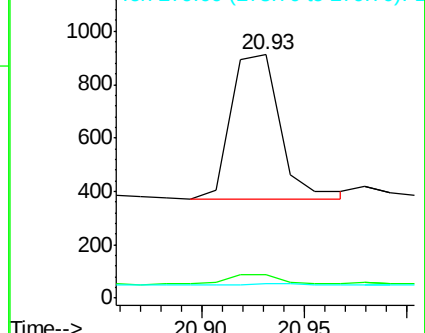
279 1.5 0.7 1.1#

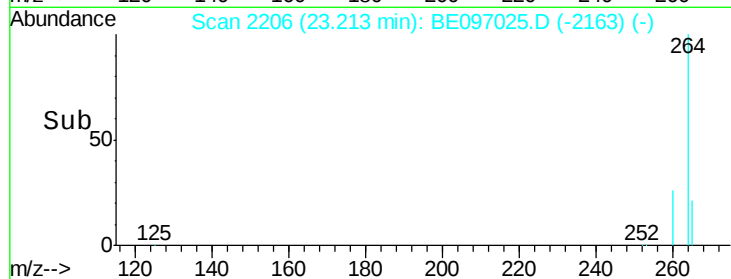
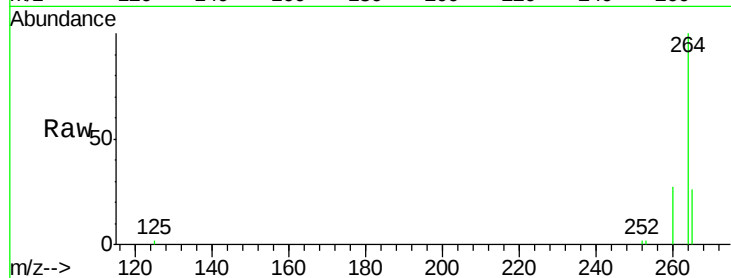
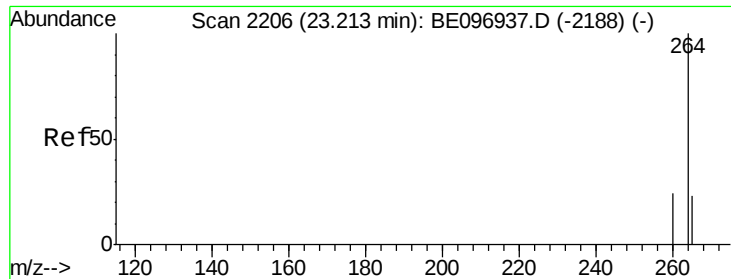


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BE097025.D

Acq: 20 Jul 2018 11:35

Instrument :

BNA_E

ClientSampleId :

RE105D2-071318DL

Tgt Ion: 264 Resp: 8122

Ion Ratio Lower Upper

264 100

260 26.6 20.5 30.7

265 25.8 22.8 34.2

